D.D.G.D. VAISHNAV COLLEGE (AUTONOMOUS)

1	Name	Dr.T.N.Aruna
2	Designation	Assistant Professor
3	Department	Department of Computer Science(UG&PG)
4	Employee Id	EC08018
5	Date of Birth	26/03/1980
6	Gender	Female
7	Date of Appointment in this institution	01/07/2019
8	Experience in this institution	3 YEARS 5 MONTHS
9	Official Mail Id	arunatn@dgvaishnavcollege.edu.in
10	Blood Group	A-ve

11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph.D in Computer Applications	Dr. M.G.R Educational and Research University, Chennai.	Deemed	2019	-
2	Master of Computer Applications (MCA)	Valliammal College for Women, Chennai.	University of Madras	2003	First Class with distinction
3	Bachelor of Science (B.Sc.) in Computer Science	ANNA ADARSH College for Women, Chennai	University of Madras	2000	First Class
4	Higher Secondary (12th)	C.S.I Jessie Moses Matriculation Higher Secondary School, Chennai, India		1997	First Class with distinction
5	Matriculation Examination(10th)	C.S.I Jessie Moses Matriculation Higher Secondary School, Chennai, India		1995	First Class

12	Details of ORIENTATION/REFRESHER COURSES attended:			
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)

13	Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:				
S.No	Type (Regional/National/ International)	Theme (Workshop/Conference/Seminar/FDP)	Organized by	Duration	Date
1	Regional FDP	One week FDP on *"Software Engineering and Quality Assurance"*	Centre For Faculty Development, Anna University, Chennai	7 days	16th – 22nd December 2013
2	Regional FDP	One week FDP on *"Design and Analysis of Algorithms"*	Centre For Faculty Development, Anna University, Chennai from	7 days	10th – 16th December 2014.
3	Regional Workshop	Workshop on *"Recent Techniquesin Web Services and Internet Security"*	Department of Information Science and Technology ,Anna University, Chennai	2 days	18th -19th February 2015
4	Regional Workshop	Workshop on *"Cloud Data-Analysis,Mining,Interoperability and Security"*	Department of Computer Science and Engineering, Anna University, Chennai	5 days	16th -20th March 2015
5	Regional FDP	One week FDP on *"Service Oriented Architecture"* organized by	Centre For Faculty Development, Anna University, Chennai	7 days	1st – 7th December 2016.
6	National Workshop	Workshop on *"Data Science Research"*	Department of Computer Science and Engineering held at S.A.Engineering College	3 days	20th - 22nd December 2016
7	Regional Workshop	Workshop on *"Cloud Computing-Concepts and Pratical Implementation"*	Department of Computer Science and Engineering, Anna University,chennai	3 days	21st -23rd March 2017.

8	Regional Workshop	Workshop on *"Internet of Things"*	Department of Computer Science and EngineeringAnna University, Chennai	2 days	2nd -3rd March 2017
9	Regional Workshop	Workshop on *"Social Networksfor Research Publications"*	Department of Computer Applications , D.G.Vaishnav College, Arumbakkam	1 day	30 thApril 2020.
10	Regional Workshop	Workshop on "*Online Learning and E-Certificates for Research*"	Department of Computer Applications held at D.G.Vaishnav College, Arumbakkam	1 day	2nd May 2020
11	Regional Workshop	Workshop on "*Latex tool for Document Preparation*"	Department of Computer Applications, D.G.VaishnaCollege, Arumbakkam	1 day	10th May 2020
12	Regional Workshop	Workshop on " *How to conduct Classes using Google Meet*"	Department of Computer Applications, D.G.Vaishnav College, Chennai	1 day	7th June 2020
13	Regional FDP	A FDP on "*Artificial Intelligence*"	Department of Computer Applications,D.G.Vaishnav College, Chennai	1 day	9th May 2020.
14	Regional FDP	A FDP on "*Big Data Analytics*"	Department of Computer Applications,D.G.Vaishnav College,Chennai	1 day	11th May 2020
15	International FDP	A International FDP on "*AI based Proctoring in Next Generation Education* "	IQAC and Dept. of Computational Science,Shasun Jain College, Chennai	1 day	23rd May 2020
16	Regional FDP	A FDPon "*Tools for Big Data*"	The Department of Computer Science and Application, SCSVMV	1 day	25th May 2020
17	National FDP	A Two days Natonal Level FDP on *"ICT Tools for E-Content Development* "	Department of Computer Science and IQAC of Women's Christian College, Chennai	2 days	26th and 29th 2020.
18	Regional FDP	A FDPon "*Tools for*	Department of Computer	1 day	3rd June

		Big Data"	Science,ThiruthangalNadar College, Chennai		2020
19	Regional FDP	A Two days FDP on "*Promoting Research and Innovationin HEI- Teachers Role* "	Department of Computer Science and IQAC of Sri KanyakaParameswari Arts and Science College for Women, Chennai	2 days	27th and 28th April 2021.
20	Regional FDP	A Five days FDP on "*Machine Learing Master Class*"	PantechProlabs Private Limited ,Chennai	5 days	19th April to 23rd April 2021
21	International FDP	A One-week International FDP on "*Virtual Practices and Security*"	Dr.M.G.R.Educational and Research Institute	7 days	7th June to 13th June 2021.
22	Regional FDP	A One-week FDP on " *Transformation to New Normal Techniques*"	Mar Gregorios College of Arts and Science, Chennai	7 days	9th August 2021 to 14th August 2021.
23	International FDP	A Five days International FDP "*Progresses in Computer Science & its Applications*"	VEL's University,Chennai	5 days	09th July 2021 to 14th July 2021.
24	International FDP	A Two Week international FDP" *The Era of Change - Recent Advancements of Machine learning in terms of AI & IOT*"	SRM Institute of Science and Technology ,Chennai	14 days	12th July 2021 to 25th July 2021
25	International FDP	A One day International FDP on *Combating the global Pandemic through Motivation using Life skills*	Guru Shree Shantivijai Jain college for Women, Chennai	1 day	4th April 2022
26	Regional FDP	A Five days FDP on	Department of Computer	5 days	28th

		Research Methodology and Data analytics	Science,St.Joseph's College of Arts and Science		March-1st April 2022
27	International FDP	A One Week Online International FDP on *Next Generation Computing: Key Trends, Challenges and Opportunities*	Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus,Chennai	7 days	18th April-23rd April 2022
28	Regional Workshop	ATwo-Days Workshop on *MATLAB FOR BEGINNERS*	PG Department of Computer Science & Computer Applications, Sir Theagaraya College, Chennai	2 days	30th March-31st March 2022
29	Regional PDP	One Week Virtual PDP on *An Innovative Teaching & Learning Practices of LMS*	Department of Computer Science, SRM Institute of Science and Technology, Ramapuram,Chennai	7 days	20th June -28th June 2022
30	International FDP	A Five Days Online International Faculty Development programme on Recent trends in computational intelligence	Department of Computer Applications from	5 days	14th Feb. 2022 to 18th Feb. 2022.

14	Details of Papers published in CONFERENCES/attended Conferences:				
S.No	**Type (Regional/National/ International)**	**Name of the Conference**	**Name of the paper presented/Attended**	**Organized by**	**Date**

15	Details of visit as a RESOURCE PERSON:			
S.No	**Type (Guest Lectures,Workshops,Conferences Or Seminars/ Ph.D, Viva-voce Examination)**	**Title**	**Institution Name**	**Date**

16	Details of publication of Articles/ Chapters written in EDITED BOOKS:			
S.No	Book Name	Title of Articles/Chapters	Name & Address of the Publisher	Month & Year of Publication
1	Operating Systems - A Practitioners Approach		Charulatha Publications, 38/7, Rukmani Street, West Mambalam, Chennai - 600 033.	June 2021

17	Details of individual/collaborative MAJOR/MINOR research project undertaken:					
S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration

18	Details on RESEARCH GUIDANCE:				
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status

19	Details of papers published in JOURNALS:						
S.No	Journal Type (National/International)	Name of the Journal	Title of the article	Name of the Co-authors	Vol No,IssueNo,PageNos.	Month and year of Public	Impact Factor/SCI/Scopus (if any)

					ISSN No/D OI	ation	
1	International Journal	International Journal of Applied Engineering Research	Classifier for Non Transitive Relations in Trust and Reputation of Web Services	Aruna, TN &VijiV inod	vol. 10, no. 19, pp. 40119 - 40123	Januar y 2015	Impact factor: 1.3 Scopus Indexed
2	National Journal	Journal of Advanced Research in Dynamica l and Control systems	Analysis of Scheduling Algorithms in Service Oriented Architecture and Web Services	Aruna, TN &VijiV inod	vol. 9, no. 12, pp. 1778 - 1790	April 2017	Impact factor:0.136 Scopus indexed
3	International Journal	International Journal of Pure and Applied Mathemat ics	Performance Evaluation of Web Services composition using Priority Allocation Method	Aruna, TN &Viji Vinod	vol. 118, no. 10, pp. 353- 367	Dece mber 2017	Impact Factor : 0.53 Scopus indexed
4.	International Journal	International Journal of Engineeri ng and Technolo gy	An efficient Scheduling framework for improving QoS in web service composition	Aruna, TN &Viji Vinod	vol. 7, no. 1.9, pp. 107- 114	March 2018	Impact Factor: 1.217 Scopus Indexed
5.	International Journal	International Journal of Advanced	The Impact of Data Analysis for Test Automation and Performance Using Big Data	Aruna, TN &Viji Vinod	vol.29 , No. 6, pp. 4235	May 2020	Impact Factor: 0.130 Scopus

		Science and Technology				- 4244		
	National Journal	Journal of NeuroQuantology	Patient Monitoring in Healthcare IoT: A Research perspective of Security and Privacy Challenges, Threats and Solutions.	Dr.T.N. Aruna	Volume 20 | Issue 10| Page 10925 - 10935 |	October 2022	Impact Factor 0.442 Scopus indexed
	PATENT	Patent Office Journal	Internet of Things enabled Artificial Intelligence based Electrical Power Theft Detection and Prevention System	Dr.T.N. ArunA		17/06/ 2022	

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	Award for Best faculty	Chennai Softech	September 2021

21	Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:			
S.No	Name of the Journal/Magazine/Agency	Position in the Board	ISBN/ISSN No.(if any)	Year

22	POSITIONS HELD in this institution:		
S.No.	Institution/Department Level	Position	Duration
1	Institution Level	NME Coordinator	2020-till date
2	Institution Level	Internship Faculty Coordinator	2021-till date